# Case Study Template for Mini-grid Companies

# Mozambique Off-grid Knowledge Hub on Energypedia

**Background Information**

The Mozambique Off-grid Knowledge Hub on energypedia is a one-stop gateway for curated information on renewable energy in Mozambique. Developed jointly by the initiative Green People’s Energy for Africa and energypedia, this hub serves as an online space for mutual collaboration as well as knowledge exchange among experts from different organisations, companies, and institutions in Mozambique.

Against this background, we welcome **case studies from mini-grid / nano-grid companies** in Mozambique to feature business models, solutions, and learnings on the hub. The aim is to promote mutual learning and avoid reinventing the wheel for moving the Mozambican RE sector forward.

Should you be interested in featuring your case study, please fill out this form and send it to [ranisha.basnet@energypedia.info](mailto:ranisha.basnet@energypedia.info). You can fill out the form in either English or Portuguese language. If you need a form in Portuguese you can download it at the [**Case Study Info Page**](https://energypedia.info/wiki/Case_Studies_on_Energy_Access_Projects_in_Mozambique).

Depending on technologies, products and services offered, not all fields may be applicable. Just select the ones you can report on and leave the other ones empty.

## **Company**

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| **Company name** | *Name* |
| **About the company** | *Short description of the company* |
| **Areas of operation in Mozambique** | *Village/District, Region* |
| **Size of the company in Mozambique** | *1-10 staff; 11-50; 51-100; >100; >500* |
| **Location of Headquarters** | *Village/District, Region, Country* |
| **Other countries of operation** |  |

## **Basic Information**

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| **Site location** |  |
| **Implementation date** | *(start date-finish date)* |
| **Number of beneficiaries** | *No. of households/institutions/small businesses reached/electrified* |
| **Total project costs** |  |
| **Organisation involved and their roles** | *(funding, implementing, O&M…)* |
| **Installed/generation capacity of the system (MW)** |  |
| **Power source** | *(solar, hydro, wind, biomass, hybrid…)* |
| **Lifetime** | *(total lifetime of the project)* |

**Solutions offered**

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| **Systems / Technologies / Services** | * *Short description of system, technologies or services offered* * *System usage (in terms of 100%, how much of the produced electricity is used)* * *Any back-up generators/batteries* |
| **Involvement of local community** | *How is the local community involved in the process (from planning to implementation)?* |
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**Market and business model**

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| **Target customers** | * *Whom are you targeting? Households, small enterprises, institutions?* * *Do customers live in rural, peri-urban areas, cities?* * *Typical load profiles of the different consumers* |
| **Finance / Funding** | * *Do you have external financial support from grants, venture capital, stock capital? Other?* * *Do you own the mini-grid assets 100%?* * *Business model: public-private, private?* * *Do you have a PPA agreement with EDM?* |
| **Pricing and Consumer Tariff** | * *Tariff per kWh (initial connection cost)…* * *Tariff reflective of the actual cost?* * *Subsidies available for end-consumers?* * *Payment option: Pre-paid, smart meters…* * Payment collection (mobile money, door-to-door |
| **Long-term Operation & Maintenance** | * *Who is responsible and who pays for it?* * *What happens in case of major system failure?* * *Is there local technical expertise or knowledge transfer planned?* * *How are the local community involved?* |
| **Monitoring of systems** | *Do you monitor the systems and their correct usage, how?* |

**Company turnover and impact**

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| * *No. of nano/mini-grid systems in place;* * *Annual turnover;* * *Jobs created* * *Other…* |

**Impacts on your target customers**

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| *Do you know what people use the electricity for? (lighting, productive uses...)*  *Other positive impacts on your target customers;* |

**Constraints and Recommendations**

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| * *Major challenges faced and how you solved them?* * *What are the challenges related to reaching last-mile consumers? How do you tackle them?* * *Are there any policy and regulatory constraints?* * *Challenges with regard to tariff payment or O&M of the system?* * *Key recommendations based on your experience?* |

**COVID related constraints**

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| *Specific challenges due to COVID (funding, low purchasing power…)? If yes, (how) did you overcome it (wherever applicable)* |

**Resources / Links**

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| *Please add here links to all resources (factsheets, reports, flyers, videos…) related to your company/products that you want to share in the case study page* |

**Pictures**

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| *Please send us 2-3 high-definition pictures to be added to the case study*  *Please indicate the name of the photographer and make sure you have the rights for them to be published online on energypedia* |

**Contact**

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| **Name and position** |  |
| **Email address** |  |
| **Website** |  |